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**DECEMBER, 1986**
TO BE UPDATED PERIODICALLY

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Natural Resources and Energy | Ressources naturelles et Énergie

## PUBLISHED REPORTS

Unless otherwise noted, the following documents have been published by the Department of Natural Resources and Energy (formerly the Department of Natural Resources). Copies are on file in the Department's Timber Management Branch, Box 6000, Fredericton, E3B 5H1 (506) 453-2516.

Published documents contain information that has been subject to peer review and are intended to form part of the public record. All documents are available in English. An (*) indicates those which are also available in French.

## RAPPORTS PUBLIÉS

À moins d'indication contraire, les documents suivants ont été publiés par le ministère des Ressources naturelles et de l'Énergie (auparavant le ministère des Ressources naturelles). Des exemplaires sont conservés à la Direction de la gestion des matières ligneuses du Ministère, dont l'adresse est Boîte 6000, Fredericton, E3B 5H1, et le numéro de téléphone, (506) 453-2516.

Ces documents publiés contiennent des renseignements qui ont fait l'objet d'une révision par des spécialistes du domaine et ils sont accessibles au public. Tous les documents sont disponibles en anglais. Un astérisque (*) signifie que les documents en question sont également disponibles en français.

1. Silviculture Report, 1976

2. Silviculture Report, 1977, ISSN 0707-2872

3. Silviculture Statistics Crown Lands--Annual Reports for years 1978 through 1981, ISSN 0707-2872

4. Silviculture Statistics Crown Lands--Annual Reports for years 1982 through 1984, ISSN 0821-8285

5. Third Year Survival and Heights of 1977 Plantations, ISSN 0829-8181

6. First Year Survival and Densities of Crown Land Plantations--Annual Reports for years 1978 through 1983, ISSN 0226-9104

7. New Brunswick Herbicide Manual (1985) ISBN 0-88838-462-4

8. New Brunswick Plantation Cleaning Trials 1981, 1982, 1983, ISBN 0-88838-817-9

9. Development of Plantations on Crown Lands, Planted 1975 - Assessed 1980, ISSN 0821-9427

10. Development of Plantations on Crown Lands, Planted 1976 - Assessed 1981

11. Development of Plantations on Crown Lands, Planted 1977-1979 inclusive - Assessed 1982-1984 inclusive

12. (*)Forecasting Cutover Responses in New Brunswick, A Guide For Silviculture Decision Making ISBN 0-88838-853-5

13. (*)Techniques 86:18, Reforestation & Silviculture Section, Index of Reports, ISSN 0832-6991

**INTERNAL WORKING DOCUMENTS**

These documents contain preliminary data and recommendations designed primarily to keep Department foresters aware of the progress of various research and technology transfer projects. These documents have not received any formal peer review and are not intended to form part of the public record. These documents are available only in the language in which they were prepared. Internal Working Documents prepared since early 1986 are included in the "Techniques" series.

**DOCUMENTS DE TRAVAIL INTERNES**

Ces documents contiennent des données préliminaires et des recommandations principalement conçues pour tenir les forestiers du Ministère au fait des progrès réalisés dans les divers projets de recherche et de transfert technologique. Ces documents n'ont pas fait l'objet d'une révision formelle par des spécialistes du domaine et ils ne sont pas accessibles au public. En outre, ils no sont disponibles que dans la langue de rédaction initiale. Les documents de travail internes rédigés depuis le début de l'année 1986 sont compris dans l'ensemble des documents "techniques".

1. Planting Report, 1967
2. Scarification Report, 1967-68
3. Reforestation Report, 1968
4. Silviculture Report (annual reports for years 1969 through 1976)
5. Economics of Plantations in N.B. (Clifford, 1978). (Only one copy known to exist)
6. Silviculture on Crown Lands 1967-76
7. Silviculture Practices Course, 1985
8. Preliminary Results and Assessment of the Fertilizer Trials Established in Plantations on the Minto Strip Mine Deposits (1979)
9. Silviculture Project Record Preparation Manual (1979)
10. Seed Procurement (1979)
11. First Year Survival of 1977 Plantations
12. Older Plantations in N. B. - Pre-1963 (1980)
13. Five-Year Assessment of 1978 Mid-Summer and Late-Fall Planting (1984)
14. Reforestation in N.B. Creates Jobs (1981)
15. Status of Nelder Spacing Trials in N.B. (1984)

16. Assessment Survey of the 1983 Herbicide Spray Program (1985)
17. Early Growth Responses of a Jack Pine, Black Spruce and White Spruce Plantation to Cleaning with Herbicides
18. Direct Seeding 1982 and 1983 (1984)
19. Analysis of Plantation Development Using Large Scale Colour Infrared Photography (1985) (See also Technique 86:19)
20. TR2-72 Swamp Drainage in New Brunswick (1972)

**TECHNIQUES**

A standard format has been used for Internal Working Documents prepared since early 1986. The numbering system (86:01) indicates the year (1986) and the order in which the documents were prepared (01, 02, 03, etc.). An (*) indicates those documents in the Techniques series which have been published for public distribution. NOTE: Only those Techniques documents prepared for the Reforestation and Silviculture Section are included in this index.

**DOCUMENTS TECHNIQUES**

Un format type a été utilisé pour les documents de travail internes préparés depuis le début de l'année 1986. Le système de numérotage (86-01) donne l'année (1986) et l'ordre dans lequel les documents ont été conçus (01, 02, 03, etc.). L'astérisque (*) indique que les documents en question font partie de l'ensemble des documents techniques publiés aux fins de la distribution au public. REMARQUE : Seuls les documents techniques préparés pour la Section du reboisement et de la sylviculture sont compris dans cet index.

86:01 Incidence of Rabbit (Snowshoe Hare) Damage in New Brunswick Plantations (1986)

86:02 Comparison of Styroblock and Paper Pot Plantations (1985)

86:03 Root Deformities in Plantations, 1980 (1986)

86:04 Third Year Survival and Heights for 1978, 1979, 1980 and 1981 Plantations

86:12 Plantation Tending Trials, October 1982

86:13 Information Report, **The Effects of Manual Plantation Cleaning**

86:06 Effects of Manual Plantation Cleaning II (1985 Update)

86:05 Plantation Cleaning Trials Summer and Fall 1985

86:07 Fifth Year Survival and Heights of a 1980 Lodgepole Pine--Jack Pine Provenance Test (1986)

86:08 Herbicide Site Preparation Trials at Big Brook, 1984 (1986)

86:09 Survival of Yellow Birch Reproduction on the Dunbar Stream Clear Cut (1986)

86:10 1985 Aerial Herbicide Application Program

86:14 Stand Improvement Reimbursement Rate Determination

86:16 Field Testing Various Container Types in N.B. (1986)

86:17 Status of Forest Fertilization Program, N.B. Department of Natural Resources and Energy (1986)

86:18 (*) Reforestation & Silviculture Section - Index of Reports, ISSN 0832-6991

86:19 Analysis of Plantation Development Using Large Scale Colour Infrared Photography, December 1985

86:20 Third Year Survival and Heights for Six (6) 1982 Experimental Plantations at Various Locations

86:21 Third Year Survival and Heights for 1982 Plantations (August 1986)

86:23 Silviculture Statistics Crown Lands 1984-85 ISSN 0821-8285

86:24 Silviculture Statistics Crown Lands 1984-85 (Licensee Summaries)

**CONFERENCE PAPERS**

The following are conference papers related to reforestation and silviculture practices in New Brunswick. Copies are available in the language in which they were prepared. Unless otherwise indicated, these are not published documents and were not subject to a formal peer review process prior to presentation.

**RAPPORTS DE CONFÉRENCE**

Les documents suivants sont des rapports de conférence ayant trait aux pratiques en matière de reboisement et de sylviculture au Nouveau-Brunswick. Des exemplaires sont disponibles dans la langue de rédaction initiale. À moins d'indication contraire, ces documents ne sont pas publiés et ils n'ont pas fait l'objet d'une révision formelle par des spécialistes du domaine avant leur présentation.

1. Large Scale Softwood Planting Operations In New Brunswick, University of Maine (1976)
2. Early Opinions on Plantation Forestry in New Brunswick, CPPS (1977)
3. "Why Black Spruce'", Baddeck, N.S. Conference 1979
4. The Status of Container Planting Programs in New Brunswick (1981)
5. Stand Establishment O N.B.'s Program, UNB Council on Forest Engineering (1981)
6. Status Report on the Management of Jack Pine in N.B. and N.S., Timmins Symposium (1983)